



PTO/SB/08B (04-03)

Approved for use through 04/30/2003. OMB 0851-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for Form PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/807,532
Filing Date	March 23, 2004
First Named Inventor	Misty AZARA et al.
Art Unit	2844 2626
Examiner Name	
Attorney Docket Number	FX/A3007Q1-317004

Sheet 1 of 3

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/AA/		Levow, G., "Prosodic Cues to Discourse Segment Boundaries in Human-Computer Dialogue", in 5th SIGdial Workshop on Discourse and Dialogue Boston, April 30 and May 1, 2004.	
		Lascarides, A. and Oberlander, J., "Temporal Coherence and Defeasible Knowledge", Theoretical Linguistics, 19.1, pp. 1-35, Walter de Gruyter, Berlin, New York, 1993.	
		"CHATR: A Generic Speech Synthesis System", December 25, 1997, downloaded from http://feast.atr.jp/chatr/manual/index.html 3/16/2006.	
		"HCRC Project: ID4S Intonation in Dialogue for Speech Recognition", downloaded from http://www.hcrc.ed.ac.uk/Site/IDS4.html 6/2/2004.	
		Nuance Say Anything Grammars product description, downloaded from http://cafe.bevocal.com/docs/grammar/sayanything.html 6/2/2004.	
		Ljolje, A., "The AT&T LVCSR-2001 System", May 3, 2001, downloaded from ftp://jaguar.ncsl.nist.gov/evaluations/hub5/may01/pres/att_lvcsr.pdf 3/16/2006.	
		DARPA Communicator Project: Robust Recognition and Dialog Tracking for Interactive Information Access, March 2003, downloaded from http://ssl.ee.washington.edu/projects/communicator.html 3/15/2006.	
↓		Ayers, G.M., 1992. "Discourse functions of pitch range in spontaneous and read speech." Presented at the Linguistic Society of America Annual Meeting.	
/AA/		Brown, G. and Kenworthy, J. 1980 Questions of Intonation, Baltimore, University Park Press, p. 21-122.	
			→

Examiner
Signature

/Abul Azad/

Date
Considered

06/11/2007

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/807,532
Filing Date	March 23, 2004
First Named Inventor	Misty AZARA et al.
Art Unit	2644
Examiner Name	
Attorney Docket Number	FX/A3007Q1-317004

Sheet 2 of 3

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/AA/		Kamp, H. 1981. "A Theory of Truth and Semantic Representation." in J.A.G. Groenendijk, T. Jannssen, and M. Stokhof (eds.) Formal Methods in the Study of Language. Amsterdam: Mathematisch Centrum, 277-322.	
		Ladd, D.R. 1983, "Phonological Features of Intonation Peaks", Language, 59:721-759.	
		Ladd, D.R. 1988. "Declination Reset and the Hierarchical Organization of Utterances" Journal of the Acoustical Society of America, 84(2):530-544.	
		Mariani, J.; Proubeck, P., 1999 "Language Technologies Evaluation in the European Framework", Proceedings of the DARPA Broadcast News Workshop, Washington: Morgan Kaufman Publishers, pp. 237-242.	
		Nakatani, C.; Hirschberg, J.; and Grosz, 1995. "Discourse Structure in Spoken Language: Studies on Speech Corpora." In Working Notes of the AAAI-95 Spring Symposium in Palo Alto, CA in Empirical Methods in Discourse Interpretation. pp. 106-112.	
		Polanyi, L.; and Sch, R., 1984. "A syntactic approach to discourse semantics." Proceedings of the 10th International Conference on Computational Linguistics, Stanford, CA 413-419.	
		Silverman, K.; Beckman, M.; Pierrehumbert, J.; Ostendorf, M.; Wightman, C.; Price, P.; and Hirschberg, J. 1992. "ToBI: A standard scheme for labeling prosody." In Proceedings of ICSLP. Banff: International Conference on Spoken Language Processing.	
/AA/		Terken, J. 1984. "The distribution of pitch accents in instructions as a function of discourse structure." Language and Speech, 27:269-289.	

Examiner Signature	/Abul Azad/	Date Considered	06/11/2007
--------------------	-------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

(Use as many sheets as necessary)

Complete if Known

Application Number	10/807,532
Filing Date	March 23, 2004
First Named Inventor	Misty AZARA et al.
Art Unit	2644
Examiner Name	
Attorney Docket Number	FX/A3007Q1-317004

Sheet	3	of	3
-------	---	----	---

U. S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

**Examiner
Signature**

/Abul Azad/

**Date
Considered**

06/11/2007

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ² Applicant's unique citation designation number (optional). ³ See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ⁴ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁵ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁷ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Approved for use through 04/30/2003. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	1	of	2
-------	---	----	---

Complete if Known

Application Number	New U.S. Application
Filing Date	March 23, 2004
First Named Inventor	Misty AZARA et al.
Art Unit	
Examiner Name	
Attorney Docket Number	FX/A3007Q1-317004

U. S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

Examiner Signature		Date Considered	6/11/07
-----------------------	---	--------------------	---------

¹EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ² Applicant's unique citation designation number (optional). ³ See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 801.04. ⁴ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁵ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁷ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.**

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	NEW U.S. Application
Filing Date	March 23, 2004
First Named Inventor	Misty AZARA et al.
Art Unit	
Examiner Name	
Attorney Docket Number	FX/A3007Q1-317004

Sheet 2 of 2

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.†	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
A.A.		Black A.; Taylor, P.: CHATR: a generic speech synthesis system" in Proceedings of COLING74, II p. 83-986, Kyoto, 1994	
		Haller, S. Fossum, T.: "The Association Between Subject Matter and Discourse Segmentation", In The Proceedings of the Florida AI Research Symposium, Key West, FL, May 2001.	
		Long, S.; Kooper, R.; Abowd, G.; Atkeson, C., "Rapid Prototyping of Mobile Context-Aware Applications: the CyberGuide Case Study", in the Proceedings of the 2nd ACM International Conference on Mobile Computing and Networking (MobiCom'96), pp. 97-107, November 10-12, 1996.	
		Shriberg, E.; Stolke, A.; Hakkani-Tur, Dilek; Tur, Gokhan, "Prosody-Based Automatic Segmentation of Speech Utterances into Sentences and Topics" in Speech Communication, 2000, 32, 1-2, Sept, pp. 127-154.	
		Stolke, A.; Shriberg, E.; Bates, R.; Coccaro N.; Jurafsky, D.; Martin, R.; Meteer, M.; Ries, K.; Taylor, P.; Van Ess-Dykema, C., "Dialog Act Modeling for Conversational Speech" in Applying Machine Learning to Discourse Processing, Papers from the 1998 AAAI Spring Symposium, Technical Report SS-98-01 (J. Chu-Carroll et al, eds.) Stanford CA pp. 98-105, AAAI Press, Menlo Park CA, 1998	
		Wrede, B.; Schriberg, E., "Spotting 'HotSpots' in Meetings: Human Judgments and Prosodic Cues" in Proc. Eurospeech, Geneva, 2003.	
		Levov, G., "Prosodic Cues to Discourse Segment Boundaries in Human-Computer Dialogue", in 5th SIGdial Workshop on Discourse and Dialogue Boston, April 30 and May 1, 2004.	
A.A.		Lascarides, A. and Oberlander, J., "Temporal Coherence and Defeasible Knowledge", Theoretical Linguistics, 19.1, pp. 1-35, Walter de Gruyter, Berlin, New York, 1993.	

Examiner Signature	<i>A.A. [Signature]</i>	Date Considered	6/11/07
--------------------	-------------------------	-----------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

† Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.